

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

62.77

SEED CORN



THE GUARANTEE OF QUALITY

SPRING 1922

PEDIGREED SEED COMPANY

DAVID R. COKER, President

Hartsville, S. C.

Pedigreed Cotton Seed



Cotton is the principal crop of the South and in buying your cotton seed it is essential to obtain those of absolute purity which have been bred to pedigree. Your crop can not be better than the seed you use, which is ample reason to obtain the best. Pure pedigreed cotton seed produces superior crops in both yield and quality of fiber. Length, strength and uniformity of lint are the qualities which give character to cotton, and character in cotton is worth a premium.

Permanent Prices 1921-1922

	Less than one ton lots, per bu.	Lots of one ton and above, per bu.
Coker's Pedigreed Lightning Express	\$5.90	\$5.75
Coker's Pedigreed Deltatype Webber	3.95	3.80
Coker's Pedigreed Webber 49-4	2.40	2.25
Coker's Pedigreed Webber 49-3	1.75	1.65
Coker's Pedigreed Webber 82-2	1.75	1.65
Coker's Pedigreed Hartsville 16	3.00	2.85
Coker's Pedigreed Hartsville 14	1.75	1.65
Pedigreed Coker-Cleveland Strain 1	1.75	1.65
Pedigreed Coker-Cleveland Strain 2	2.50	2.40
Register Wilt Resistant	1.75	1.65
Coker's Pedigreed Dixie Strain 2	2.00	1.90

IMPORTANT. As this bulletin goes to the printer stocks of our Pedigreed Lightning Express, Pedigreed Webber 49-4 and Pedigreed Coker-Cleveland Strain 1, have been booked entirely up and we can not accept further orders for these varieties.

However, we can take care of your requirements for any of the other varieties offered, provided your order is received promptly. Remember the major part of our stocks of all varieties have already been taken and that all orders are accepted in sequence of their receipt until our entire supply is exhausted. Send us your order by first mail and it will be filled promptly but we can not promise if you wait. To obtain superior planting seed is one of the most important matters connected with the farm. It is too important to delay. Order today.

Pedigreed Amber Sorghum

Coker's Pedigreed Amber Sorghum is much sweeter than the old Amber types and is very tender and juicy. It produces a very small stem so that it is especially suitable for use as a hay crop. When sowed thick it will make a tremendous yield of hay of fine quality that is relished by every kind of live stock. It also makes a splendid green forage crop and is most often used for that purpose. It is a very early variety, producing large, heavy seed heads, heavy foliage, and small, very sweet stalks. Recommended especially for hay and green forage purposes.

Prices: Peck, 90c; Half Bushel, \$1.60; Per Bushel (50 pounds), \$3.00

Our Corn Breeding Work

Our Ear-to-Row breeding of corn, while similar to the Plant-to-Row breeding of other crops in principle, varies somewhat as to method of procedure to accommodate the habits of the corn plant. Corn is naturally an open fertilized plant and will not permit of too much inbreeding without a decrease in yield. We are obliged, therefore, to practice a method of breeding which will eliminate, as far as possible this inbreeding factor. Our method of detasseling the breeding rows, and of pairing the "Ear Remnants" and detasseling again in the Increase Plots, prevents inbreeding and enables us to produce Pedigreed Strains of high yielding corn.

Our Varieties of Seed Corn

Every year we conduct variety tests of corn in which we try out all important varieties grown in the South as well as the selected strains of the varieties we are breeding. It is largely on the results of such tests that we base our choice of the varieties we take as foundation stocks for breeding. Thus far we have conducted breeding work with four varieties, Garrick, Marlboro, Williamson and Ellis.

Handling Seed Corn

We do not sell all of the seed from our pedigreed corn fields. We exercise a rigid selection. Even though a field is grown from our highest pedigreed stock only about one-fourth of the ears are sold for seed. The first choice of seed ears is made when the corn is shucked and the mass of seed corn then chosen is brought to our warehouse where it is conveyed mechanically to bins from which it is taken for reselection, nubbing and grading. A man sits at each bin, examines every ear as it comes down, and if the ear is found to be all right in every respect for seed purposes, places it in the nubbing machine which shells off the small and imperfect grains from each end of the ear. The ear, still containing the good grain on the middle section, is then dropped into the chute that carries it to the bins from which it passes to the sheller. All poor ears and the grains from the tips and butts of the good ears are sold for feed.

The good corn, after shelling, goes through our large grader and cleaner, where the light or faulty, irregular and broken seeds and trash are removed. Only the good, heavy, mature and regular sized grains are used for seed.

Every lot of seed is carefully tested for germination and is discarded if it does not test above 95 percent. In no case do we ship out seed corn which does not show this high grade vitality. It is only by this accurate and comprehensive method that we are able to furnish seed corn which is worthy of our trade mark and guarantee.

One of the very best features of our corn is that we allow it to mature normally on the stalk without pulling the fodder or cutting down the plant. Thus all of the seed is fully matured and vital. We have conducted tests which show that seed from rows on which the fodder has been pulled at the regular fodder pulling time produced 17 per cent less in yield as against seed of the same variety from adjoining rows upon which the fodder has been left to dry upon the stalk. (Write for special bulletin on fodder pulling.)

Coker's Pedigreed Williamson Corn



Williamson Corn is one of the oldest varieties of corn planted in South Carolina. For many generations it was bred by field selection by Mr. B. F. Williamson, Sr. (the father of Mr. McIver Williamson of corn fame). In 1906 we began breeding this variety by planting an ear-to-row test from a number of apparently fine ears.

The best progeny of this first ear-to-row test was increased, put in variety test in which it made a good yield, and the corn was of such good quality that we increased and sold as Coker's Pedigreed E-1. Every year since 1906 we have continued breeding this corn by careful field selection of plants and testing in ear-to-row tests of the best ears from the best plants, testing these progenies against each other and against the best Southern varieties and offering the best of them for sale as Coker's Pedigreed Williamson.

Plant vigorous, 8 to 10 feet high, 1 to 2 ears to the stalk. Ear height 4 to 4½ feet, shanks of medium length. Ears regularly cylindrical, 8 to 9 inches long; averaging about 2 1-8 inches in diameter, mainly 16 to 20 rowed. Cob of medium size, red. Kernels of medium size and deep. Color white with horny translucent sides. It shells out about 87 pounds of corn to 100 pounds of ear corn. The shuck fits tight and protects the ear, hence it is comparatively weevil resistant. In accurate tests during a number of years it has always stood at or near the top in yield.

Use Williamson Method. Against early planting and early fertilizing, the Williamson method has averaged over twenty per cent more yield in an accurately conducted four years' test on our farm. If you don't know what this method is, send for our circular fully describing it.

PRICES: See prices below.

Coker's Pedigreed Garrick Corn Strain No. 2



The Garrick corn has long been recognized as one of the highest yielding and most widely adaptable of any of the varieties cultivated in the South. It is more nearly a standard Southern variety than any other and yet ordinarily the kernels are rather soft and shallow and the ears small.

Our breeding work with this variety has been directed toward the elimination of these undesirable characters and the production of a high yielding strain. As a result we are offering this year for the first time a new strain which we are designating as Coker's Pedigreed Garrick Strain No. 2, descended from our 1919 ear-to-row breeding plot. This strain is very different from the original Garrick and might well be given a different name. Our records show it to be a higher yielder and the objectionable characters have been mostly eliminated.

Under good conditions plant, 8 to 10 feet high, vigorous, prolific, 2 to 3 ears (usually 2) per stalk, ears medium large, 12 to 16 rowed with white cob and white flinty medium deep grains.

The hard flinty nature of the kernel and the good shuck covering of the ear renders it comparatively weevil resistant. This together with the white cob and white grain and heavy yielding ability makes it one of the most profitable varieties to grow, both for home use and for milling purposes.

PRICES: Prices on all varieties of Seed Corn: 1 peck, \$1.20; ½ bushel, \$2.25; 1 bushel, \$4.00; 10 bushels and above, \$3.50 per bushel.

Coker's Pedigreed Marlboro Prolific Corn Strain No. 2



The Marlboro Prolific is a well-known local South Carolina variety that takes its name from Marlboro County where it originated.

Our pedigreed strain No. 2 of this variety, which we are distributing this year for the first time, is descended from the best rows of our 1919 ear-to-row breeding plot. It is like the parent strain in that it produces stocky stalks of medium height with comparatively low ears. It produces two good ears to the stalk on good land and matures earlier than the ordinary single eared varieties. The kernels are white to cream in color and the cob is of medium size and white; rows mainly 12 to 16. Similar in appearance to Garrick but earlier.

The new pedigreed strain is superior to the parent strain of the Marlboro in that the ears are larger, longer and more uniform in type. The kernels are broad and more flinty than the parent strain and therefore more weevil resistant. It is one of the highest yielding and most prolific varieties we have ever found and makes an excellent quality of corn for milling purposes as well as for feeding. It is not a show corn but a good yielder. It will not disappoint you in production if it has a fair chance.

PRICES: See prices below.

Coker's Pedigreed Ellis Corn



For a number of years we have been breeding a variety of corn that we obtained originally from Mr. James Ellis, an observing farmer of the Hartsville section. According to Mr. Ellis it originated from a cross of a variety known as Shoe Peg or Gourd Seed corn which was of a soft, starchy, inferior quality, with the old Williamson variety which was a very flinty corn of excellent character. Each year Mr. Ellis carefully selected his planting seed in the field and this method continued through a long series of years, finally developed a very distinct type which proved to be an excellent variety for his land.

In 1915 we planted over 100 acres on our Highland Farm in this variety, the soil of which is very poor and sandy. It proved to be an ideal corn for this type of soil and made 50 per cent larger yield than any variety ever before planted on this farm.

For several years we carefully field selected all planting seed, taking only good, well covered ears from low stocky stalks and in 1918 planted our first ear-to-row test.

The strain that we are offering this year for the first time as Coker's Pedigreed Ellis is descended from the highest yielding crossed progenies of our 1918 and 1919 ear-to-row tests. It is superior to Improved Ellis in that it makes heavier yields of better quality corn.

Plant low and stocky, 1 to 2 ears to the stalk (usually 1), ear height about $2\frac{1}{2}$ feet, shanks medium short; ears cylindrical, commonly 7 to $8\frac{1}{2}$ inches long and about $2\frac{1}{4}$ inches in diameter; mainly 16 to 18 rows. Cobs of medium size, mainly white but some red, not pure in this character; kernels white or cream colored, deep, hard and flinty, very weevil resistant. Season of maturity medium to early.

This variety does well on good soils but it is especially adapted for cultivation on light, sandy soils for which purpose we know of no other variety equal to it.

PRICES: Prices on all varieties of Seed Corn: 1 peck, \$1.20; $\frac{1}{2}$ bushel, \$2.25; 1 bushel, \$4.00; 10 bushels and above, \$3.50 per bushel.

Pedigreed Washington Asparagus Seeds and Roots



Our Pedigreed Washington Asparagus is based on the best strains produced by the U. S. Bureau of Plant Industry in their rust-resistant asparagus breeding work. The plants in our seed growing fields were selected personally by the Bureau of Plant Industry's asparagus expert, and all our methods of breeding and propagation are the best. The originator of the pedigreed method of asparagus breeding, Professor J. B. Norton, is in personal charge of our asparagus work.

The seed stock we offer is from the same plants from which our commercial fields are grown, from which we supply the fancy trade of the Northern markets. Our one year old roots are the best in quality and pedigree that can be secured anywhere. They are grown on ideal land and are carefully selected under the immediate supervision of our expert breeder.

Permanent Prices Spring 1922

Pedigreed Washington Asparagus Seed—prices postpaid: Packet, 25c; 1 ounce, 40c; $\frac{1}{4}$ pound, \$1.25; $\frac{1}{2}$ pound, \$2.25; 1 pound, \$4.00; 5 pounds and above, \$3.50.

Reselected Pedigreed Washington Asparagus Seed—prices postpaid: Packet, 30c; 1 ounce, 50c; $\frac{1}{4}$ pound, \$1.75; $\frac{1}{2}$ pound, \$3.00; 1 pound \$5.50; 5 pounds and above, \$5.00.

Pedigreed Washington Asparagus Roots—prices not prepaid: 50—\$1.35; 100—\$2.50; 500—\$10.00; 1,000—\$16.75; 2,000 and above, \$15.00 per thousand.

Coker's Pedigreed Dwarf Okra

This okra produces well, makes fine, large pods and very little bush as compared with ordinary okra. We have tested this okra fully and feel that it deserves a place in every garden.

PRICES: Postpaid, packet, 5c; 1 ounce, 10c; $\frac{1}{4}$ pound, 25c; pound, 75c.

Coker's Special "Clipper" Seed Cleaners

Remove all light, immature and worthless seed and all trash and foreign matter—by double screens and verticle air blast method. The most effective seed grader we know of. DOES EFFECTIVE WORK with all Southern seeds, including Wheat, Oats, Rye, Barley, Cotton, Cow Peas, Sorghum, Soy Beans, Burr Clover, Kaffir Corn, Vetch, Milo Maise, Alfalfa, Millet, Rape, Crimson Clover, Onion Seed, etc. All "Coker's Special Clippers" are fitted with a special assortment of screens for Southern seeds, and furnished complete with TWELVE SCREENS.

Coker's Improved Clipper Seed Cleaner is a recent model specially designed for cleaning and grading cotton seed. Also cleans and grades other seed, grains and beans. The most perfect model seed cleaner for the Southern farmer.

Coker's Improved No. 22-B Clipper Cleaner, equipped with 12 screens, crank pulley for hand operation and power pulley for operation by engine, COMPLETE, net cash, f. o. b., Hartsville, S. C.\$ 54.50

Coker's Special No. 2-B Clipper Cleaner, equipped with 12 screens and crank pulley and power pulley, net cash, f. o. b., Hartsville, S. C.\$ 46.50

Coker's Special No. 1-B Clipper Cleaner, equipped with 12 screens and crank pulley, net cash, f. o. b., Hartsville, S. C.\$ 38.50

All Coker's Clipper Cleaners and Graders Guaranteed Satisfactory. Send in Orders Promptly.